**Table 1.** Matrix of commonalties and linkages in the proposed multi-state research project W-5186.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | AL | AR | CA-D | CA-R | FL | HI | IN | LA | MD | MI | NC | NE | NM | WA |
| Nematode Groups |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cyst nematodes |  | \* |  |  | \* | \* | \* |  |  | \* |  | \* |  |  |
| Root-knot nematodes | \* |  |  |  |  |  | \* | \* | \* |  | \* |  |  | \* |
| Warm-climate group3 | \* | \* | \* | \* | \* | \* |  | \* |  | \* | \* | \* | \* |  |
| Cool-climate group4 |  |  | \* | \* |  |  |  |  |  | \* |  | \* | \* | \* |
| Other Endoparasitic types5 | \* |  | \* |  |  | \* |  | \* | \* | \* | \* | \* |  | \* |
| Ectoparasitic nematodes6 |  |  |  |  |  |  |  |  |  | \* |  | \* |  |  |
| Entomophilic nematodes | \* |  |  | \* |  | \* |  |  |  |  |  |  |  |  |
| Free-living nematodes | \* |  |  | \* |  |  |  | \* |  | \* | \* | \* |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Scientific Emphasis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Host plant resistance | \* | \* | \* |  | \* | \* |  | \* | \* | \* | \* |  | \* | \* |
| Rotations | \* | \* | \* |  | \* |  |  | \* |  | \* | \* |  | \* |  |
| Molecular techniques |  | \* | \* | \* | \* |  |  |  | \* |  |  | \* | \* | \* |
| Genetics |  |  | \* | \* |  |  |  |  | \* |  |  |  |  | \* |
| Virulence/avirulence |  |  | \* |  |  |  |  | \* |  |  | \* |  |  | \* |
| Host range | \* | \* | \* |  | \* | \* |  | \* |  | \* | \* |  | \* | \* |
| Nematicides | \* |  | \* |  |  | \* |  | \* |  |  | \* |  |  |  |
| Temperature/environment | \* | \* |  |  |  | \* |  | \* |  | \* | \* |  | \* |  |
| Cover and trap crops | \* |  |  |  | \* | \* |  | \* |  | \* | \* |  | \* |  |
| Major Crops |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cotton | \* | \* | \* |  | \* |  |  | \* |  |  | \* |  | \* |  |
| Sugarbeets/Brassicas |  |  | \* |  |  | \* |  |  |  | \* |  |  |  |  |
| Potato |  |  |  |  |  |  |  |  | \* | \* |  |  | \* | \* |
| Small grains/corn/grasses | \* |  | \* |  |  |  |  | \* | \* | \* | \* | \* | \* |  |
| Alfalfa/Legumes |  |  | \* |  |  |  |  |  | \* |  |  |  | \* |  |
| Soybeans | \* | \* |  |  | \* |  | \* | \* |  | \* | \* | \* | \* |  |
| Vegetables/fruit7 | \* |  | \* |  | \* | \* | \* | \* |  | \* | \* |  | \* | \* |